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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/974,838	10/12/2001	Toshio Kitazawa	214892US-2	7380

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ALEXANDRIA, VA 22314

EXAMINER

MILIA, MARK R

ART UNIT	PAPER NUMBER
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2622

DATE MAILED: 11/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/974,838

Applicant(s)

KITAZAWA, TOSHIO

Examiner

Mark R. Milia

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 05 August 2005.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-13 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-13 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's amendment was received on 8/5/05 and has been entered and made of record. Currently, claims 1-13 are pending.

### ***Response to Arguments***

2. Upon review of the reference of Richter et al. (U.S. Patent No. 6678068), which was cited in the Office Action dated 5/6/05 under 35 U.S.C. 102(e), as anticipating claims 1-13, the examiner notes that the reference can still be interpreted as anticipating the claims, as currently amended.

Particularly, as amended, claim 1 now requires "the display means comprising a plurality of display components being displayed simultaneously on a display portion". Richter discloses such a features as seen in Figs. 7-20. More specifically, Figs. 7-20 show a display in which a plurality of toggles are displayed simultaneously around a main display portion to which specific messages are displayed when a particular toggle is selected. Further, Fig. 27 of Richter shows that the status of the spool, rip, and print processes can be displayed simultaneously. Claims 2-11 are anticipated based on the same reasoning.

3. Applicant's arguments filed 8/5/05 have been fully considered but they are not persuasive. In response to applicant's arguments regarding the rejection of claim 1, wherein on pages 6-8, the applicant asserts that the reference of Richter fails to disclose "the display means comprising a plurality of display components being displayed simultaneously on a display portion". Particularly, the applicant states that the current invention displays the processing that image data is undergoing at any given moment simultaneously so as to display multiple processes of a plurality of image data simultaneously. However, the claim limitation only recites that a plurality of display components are displayed simultaneously, which is not the same as the argument presented by the applicant. Therefore, as stated above and shown in Figs. 7-20, Richter discloses a plurality of toggles that are components related to image data processing.

4. Therefore, the rejection of claims 1-13, as cited in the Office Action dated 5/6/05, is maintained and repeated in this Office Action.

***Claim Rejections - 35 USC § 102***

5. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

6. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6678068 to Richter et al.

Regarding claim 1, Richter discloses a printing apparatus comprising: image data input means for receiving input data (see Figs. 4 and 6, column 5 lines 7-9, and column 7 lines 40-42), image data processing means for processing the image data and drawing the image data in an image memory unit (see Figs. 4 and 6, column 7 lines 58-62, and column 8 lines 1-4), printing means for forming an image on a transfer sheet using the image data drawn in the image memory unit (see Figs. 4 and 6, column 5 lines 7-9, column 6 lines 9-29, column 7 lines 33-39, and column 8 lines 1-3), and display means for displaying, either dynamically or successively, which process the image data is undergoing at any given moment, beginning with image data reception and ending with image data printing, the display means comprising a plurality of display components being displayed simultaneously on a display portion (see Figs. 7-20, column 11 lines 46-58, and column 10 line 48-column 11 line 6, reference shows that a display is used to display messages concerning the state of an image file such as "spooling", "waiting to rip", "ripping", "waiting to print", and "printing" which sufficiently cover at any given moment which process image data is undergoing).

Regarding claim 2, Richter discloses the apparatus discussed in claim 1, and further discloses wherein the display means comprises as one of the plurality of display components a spooling display component that indicates dynamically that the image data is in the process of being received by the printing apparatus (see column 11 lines 51-54).

Regarding claim 3, Richter discloses the apparatus discussed in claim 1, and further discloses wherein the display means comprises as one of the plurality of display

components a drawing display component that indicates dynamically that the image data is in the process of being drawn in the image memory unit of the printing apparatus (see Fig. 12, column 7 lines 58-62, column 8 lines 1-4, and column 11 lines 51-54, reference shows a display message that refers to the ripping process which is analogous to the drawing process of the claim and therefore is anticipated by the reference).

Regarding claim 4, Richter discloses the apparatus discussed in claim 1, and further discloses wherein the display means comprises as one of the plurality of display components a printing display component that indicates dynamically that the image data is in the process of being printed by the printing apparatus (see column 11 lines 51-54).

Regarding claim 5, Richter discloses the apparatus discussed in claim 1, and further discloses wherein the display means comprises as one of the plurality of display components a spool data display component that indicates successively an amount of unprocessed image data not yet drawn in the image memory unit from among that image data which has been received by the printing apparatus (see Figs. 26 and 27 and column 20 lines 46-49).

Regarding claim 6, Richter discloses the apparatus discussed in claim 5, and further discloses wherein the display means comprises as one of the plurality of display components a spool data display component that displays the amount of unprocessed image data on a per-print-job basis (see Figs. 26 and 27 and column 20 lines 46-49).

Regarding claim 7, Richter discloses the apparatus discussed in claim 1, and further discloses wherein the display means comprises as one of the plurality of display

components a drawing page display component that displays pages of image data in the process of being drawn in the image memory component of the printing apparatus (see Fig. 29 and column 21 lines 51-61).

Regarding claim 8, Richter discloses the apparatus discussed in claim 1, and further discloses wherein the display means comprises as one of the plurality of display components a printed page display component that displays pages of image data in the process of being printed by the printing apparatus (see Fig. 29 and column 8 lines 8-10 and 51-61).

Regarding claim 9, Richter discloses the apparatus discussed in claim 1, and further discloses wherein the display means comprises as one of the plurality of display components a saved job display component that displays a list of print jobs stored in the image memory component of the printing apparatus (see column 8 lines 1-4).

Regarding claim 10, Richter discloses the apparatus discussed in claim 1, and further discloses a selectable plurality of supply trays for containing transfer sheets ready to be sent to the printing means, wherein the display means comprises as one of the plurality of display components a supply tray display component that indicates a selected one of the supply trays (see Fig. 15 and column 12 lines 27-38).

Regarding claim 11, Richter discloses the apparatus discussed in claim 1, and further discloses a selectable plurality of exit trays for receiving printed transfer sheets exited from the printing means, wherein the display means comprises as one of the plurality of display components an exit tray display component that indicates a selected one of the exit trays (see Fig. 17 and column 12 lines 56-64).

Regarding claim 12, Richter discloses the apparatus discussed in claim 1, and further discloses wherein the display means displays a graphic image message that indicates which process the image data is undergoing at any given moment, beginning with image data reception and ending with image data printing (see Fig. 12 and column 11 lines 46-58).

Regarding claim 13, Richter discloses the apparatus discussed in claim 1, and further discloses wherein the display means displays a text message that indicates which process the image data is undergoing at any given moment, beginning with image data reception and ending with image data printing (see Fig. 12 and column 11 lines 46-58).

### ***Conclusion***

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of



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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark R. Milia whose telephone number is (571) 272-7408. The examiner can normally be reached M-F 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached at (571) 272-7402. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MRM

Mark R. Milia  
Examiner  
Art Unit 2622  
  
EDWARD COLES  
SUPERVISORY PATENT EXAMINER  
TECHNICAL STAFF